

WHAT IS CLAIMED IS:

1. A nozzle adapted for mounting on the discharge chute of an associated blower, said nozzle comprising:
 - 5 a nozzle body having an upper wall, a lower wall, and spaced, generally parallel side walls defining a channel being open at an inlet end and open at an outlet end, said upper wall including a sloped region to provide a nozzle restriction.
 - 10 2. The nozzle of claim 1 wherein said sloped region gradually reduces a height of said channel from said inlet end to said outlet end.
 3. The nozzle of claim 1 wherein said lower wall is generally planar throughout a length, L, of said nozzle body.
 - 15 4. The nozzle of claim 1 further comprising:
 - an attachment region located at said inlet end.
 5. A nozzle adapted for mounting on the discharge chute of an associated blower, said nozzle comprising:
 - 20 a nozzle body being open at an inlet end and open at an outlet end, said inlet end and said outlet end being in flow communication through a channel formed in said nozzle body, said nozzle body including a nozzle restriction and being adapted so that air passing through an upper region of said channel changes direction
 - 25 from said inlet end to said outlet end and wherein air passing through a lower portion of said channel flows in a generally constant direction from said inlet end to said outlet end.
 6. A nozzle adapted for mounting on the discharge chute of an associated blower, said nozzle comprising:
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a nozzle body being open at an inlet end and open at an outlet end,
said inlet end and said outlet end being in flow communication through a channel
formed in said nozzle body, said channel being associated with a first cross-sectional
area at said inlet end, and said channel being associated with a second cross-sectional
5 area at said outlet end, wherein said second cross-sectional area is less than said first
cross-sectional area.

7. The nozzle of claim 6 wherein said second cross-sectional area is
approximately 50% to 75% of said first cross-sectional area.

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8. A nozzle adapted for mounting on the discharge chute of an
associated blower, said nozzle comprising:

a nozzle body being open at an inlet end and open at an outlet end,
said inlet end and said outlet end being in flow communication through a channel
15 formed in said nozzle body, said channel being associated with a first cross-sectional
area at said inlet end, and said channel being associated with a second cross-sectional
area at said outlet end, wherein said channel is reduced in cross-sectional area from
said inlet end to said outlet end by a gradual reduction in channel height from a first
height H_1 at said inlet end to a second height H_2 at said outlet end.

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9. The nozzle of claim 8 wherein H_2 is approximately from 50% to
75% of H_1 .

10. In combination, a blower for generating a flow of air, said blower
25 having a discharge chute, and a nozzle, said nozzle being adapted for mounting on
the discharge chute, wherein the airflow through said discharge chute generally has a
greater velocity in a lower region than in an upper region, wherein the combination
comprises:

said discharge chute having a generally planar lower interior surface;
30 and,

said nozzle having a nozzle body having an upper wall, a lower wall, and spaced side walls defining a channel being open at an inlet end and open at an outlet end, said lower wall having an interior surface being generally aligned with said lower interior surface of said discharge chute and said upper wall including a
5 sloped region to provide a nozzle restriction.

11. The combination of claim 10 wherein:

said channel is associated with a first cross-sectional area at said inlet end, and said channel is associated with a second cross-sectional area at said outlet
10 end, wherein said second cross-sectional area is less than said first cross-sectional area.

12. The combination of claim 11 wherein:

said second cross-sectional area is approximately 50% to 75% of said
15 first cross-sectional area.

13. The combination of claim 10 wherein:

said channel is associated with a first cross-sectional area at said inlet end, and said channel is associated with a second cross-sectional area at said outlet
20 end, wherein said channel is reduced in cross-sectional area from said inlet end to said outlet end by a gradual reduction in channel height from a first height H_1 at said inlet end to a second height H_2 at said outlet end.

14. The combination of claim 13 wherein H_2 is approximately 50% to
25 75% of H_1 .

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